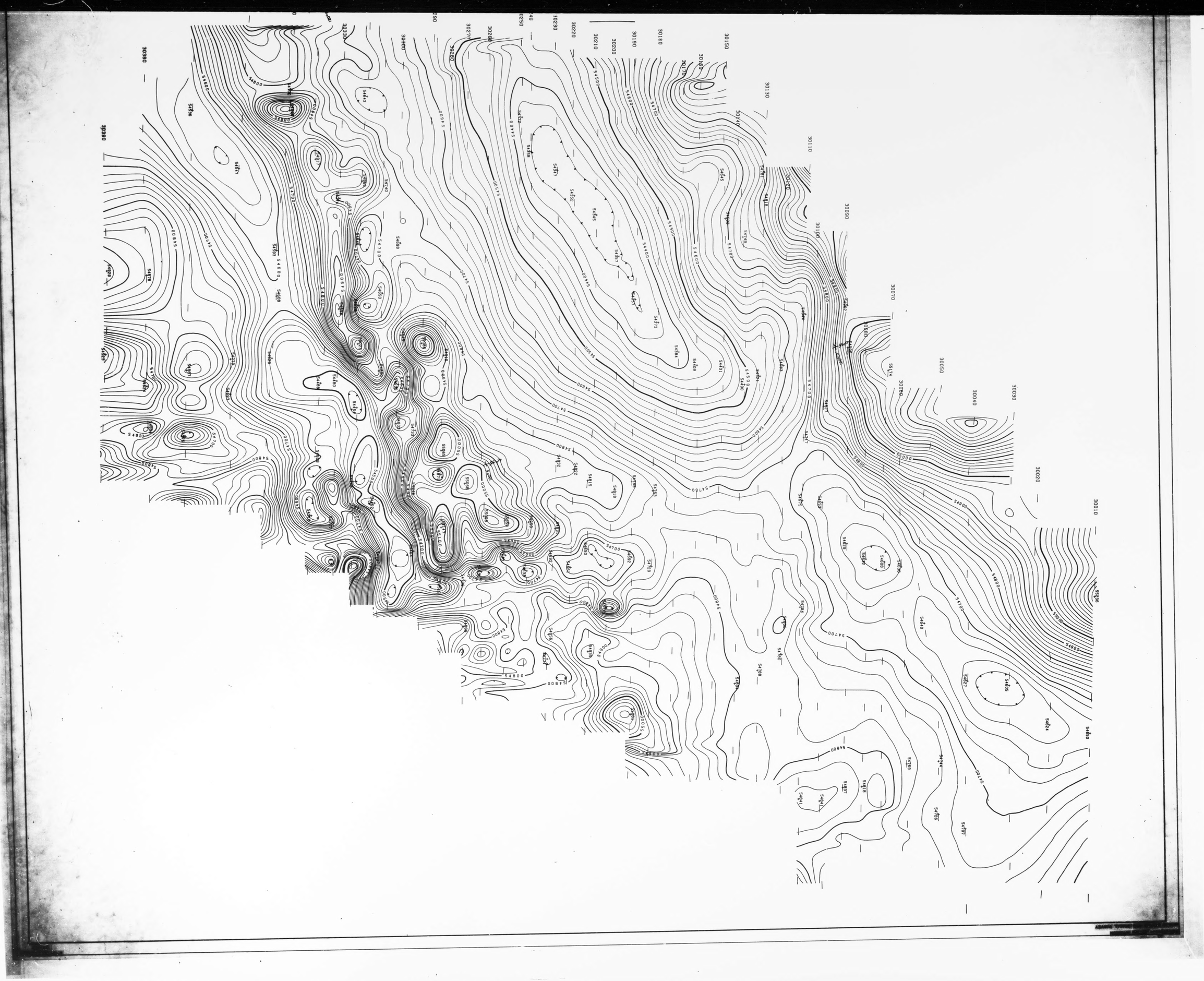
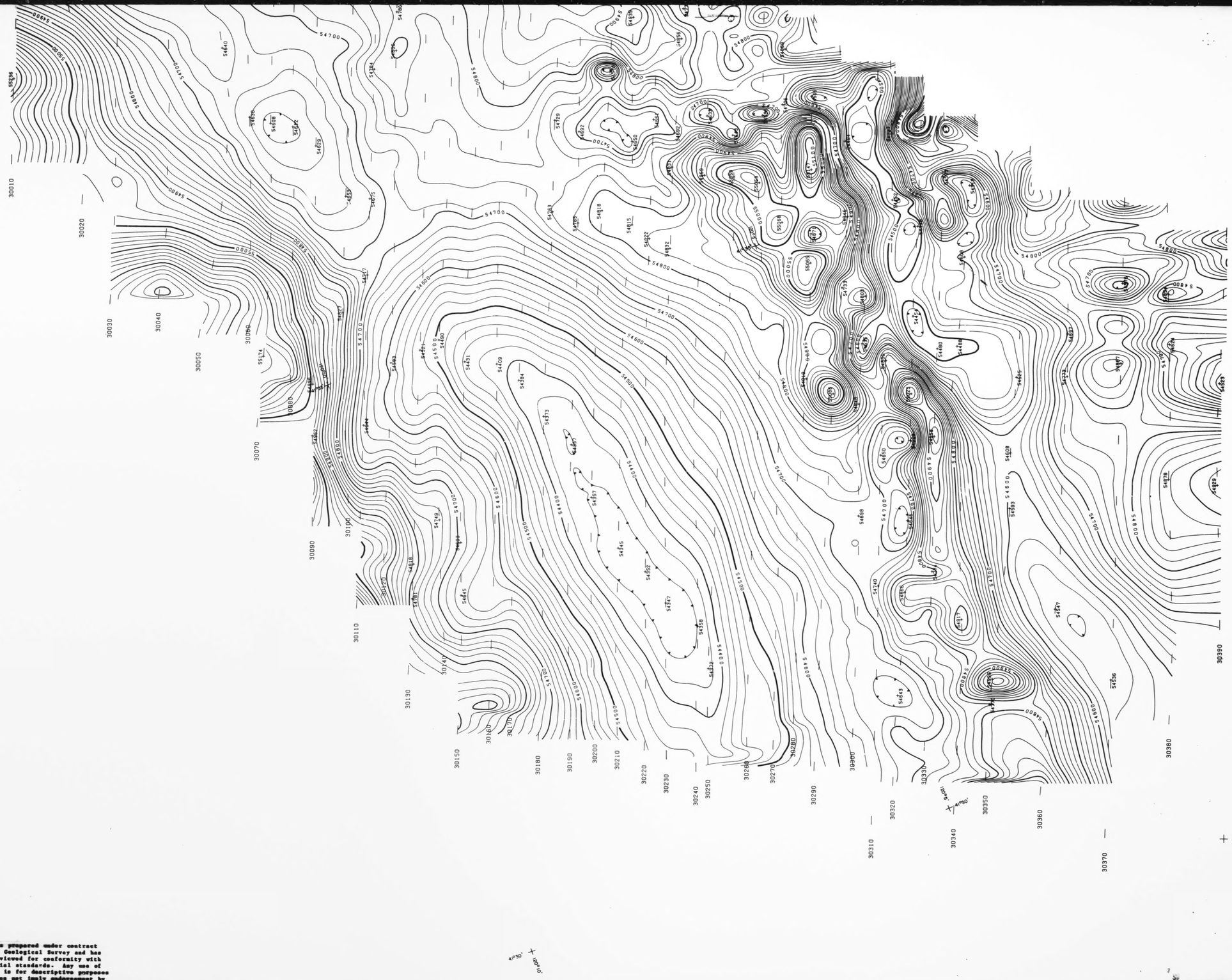




This map was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

LEGEND

Survey flown and compiled November, 1970 by Scintrex Surveys, Mississauga, Ontario, Canada

ISOMAGNETIC INTERVAL

(TOTAL FIELD)

10 GAMMA CONTOUR LINE

50 GAMMA CONTOUR LINE

100 GAMMA CONTOUR LINE

FLIGHT LINE

FLIGHT NUMBER AND AREA NUMBER

MAGNETOMETER USED:	Scintrex PMH 5010 Proton Precession Magnetometer
MAGNETIC SAMPLING RATE:	one second
MAGNETIC SENSITIVITY:	1 gamma
REGIONAL FIELD:	55,000
CONTOURED INTERVAL:	10 gammas
GRID INTERVAL:	1/8" (250 feet)

LOCATION AND MAGNITUDE OF CORRECTED TOTAL INTENSITY MAGNETOMETER VALUE BEFORE REMOVAL OF IGRF:

X	Y	LINE	FIDUCIAL	RAW MAG.
32.71"	35.04"	30010	4.0	53,634

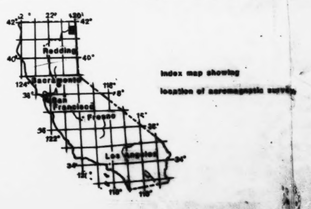
IGRF removed by 1975 standard

Total Field Aeromagnetic Map
Surprise Valley Known Geothermal Resource Area, California
by The
U. S. Geological Survey
1981

Scale 1:24000

1 5 0 MILE

1 5 0 1 KILOMETER



Index map showing location of aeromagnetic survey